

## Application Data Sheet

### Application Information

Application Type:: Regular  
 Subject Matter:: Utility  
 CD-ROM or CD-R?:: Listing  
 Number of CD disks:: 1  
 Number of copies of CDs:: 2  
 Sequence submission?:: CD  
 Computer Readable Form (CRF)?:: Yes  
 Number of copies of CRF:: 1  
 Title :: Nucleic Acids, Proteins, and Antibodies  
 Attorney Docket Number:: PTZ31C1  
 Request for Early Publication?:: No  
 Request for Non-Publication?:: No  
 Total Drawing Sheets:: 0  
 Small Entity?:: No  
 Petition included?:: No  
 Secrecy Order in Parent Appl.?:: No

### Applicant Information

Applicant Authority Type:: Inventor  
 Primary Citizenship Country:: US  
 Status:: Full Capacity  
 Given Name:: Craig  
 Middle Name:: A.  
 Family Name:: Rosen  
 City of Residence:: Laytonsville  
 State or Prov. of Residence:: MD  
 Country of Residence:: US  
 Street of mailing address:: 22400 Rolling Hill Lane  
 City of mailing address:: Laytonsville  
 State or Province of mailing address:: MD

Postal or Zip Code of mailing address:: 20882

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: US  
Status:: Full Capacity  
Given Name:: Steven  
Middle Name:: M.  
Family Name:: Ruben  
City of Residence:: Olney  
State or Prov. of Residence:: MD  
Country of Residence:: US  
Street of mailing address:: 18528 Heritage Hills Drive  
City of mailing address:: Olney  
State or Province of mailing address:: MD  
Postal or Zip Code of mailing address:: 20832

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: US  
Status:: Full Capacity  
Given Name:: Steven  
Middle Name:: C.  
Family Name:: Barash  
City of Residence:: Rockville  
State or Prov. of Residence:: MD  
Country of Residence:: US  
Street of mailing address:: 111 Watkins Pond Blvd. #301  
City of mailing address:: Rockville  
State or Province of mailing address:: MD  
Postal or Zip Code of mailing address:: 20850

### **Correspondence Information**

Correspondence Customer Number :: 22195

**Representative Information**

Representative Customer Number:: 22195

**Domestic Priority Information**

| Application ::   | Continuity Type::  | Parent Application:: | Parent Filing Date:: |
|------------------|--------------------|----------------------|----------------------|
| This Application | Continuation of    | 09/764,885           | 01/17/01             |
| 09/764,885       | Non-Provisional of | 60/179,065           | 01/31/00             |
| 09/764,885       | Non-Provisional of | 60/180,628           | 02/04/00             |
| 09/764,885       | Non-Provisional of | 60/214,886           | 06/28/00             |
| 09/764,885       | Non-Provisional of | 60/217,487           | 07/11/00             |
| 09/764,885       | Non-Provisional of | 60/225,758           | 08/14/00             |
| 09/764,885       | Non-Provisional of | 60/220,963           | 07/26/00             |
| 09/764,885       | Non-Provisional of | 60/217,496           | 07/11/00             |
| 09/764,885       | Non-Provisional of | 60/225,447           | 08/14/00             |
| 09/764,885       | Non-Provisional of | 60/218,290           | 07/14/00             |
| 09/764,885       | Non-Provisional of | 60/225,757           | 08/14/00             |
| 09/764,885       | Non-Provisional of | 60/226,868           | 08/22/00             |
| 09/764,885       | Non-Provisional of | 60/216,647           | 07/07/00             |
| 09/764,885       | Non-Provisional of | 60/225,267           | 08/14/00             |
| 09/764,885       | Non-Provisional of | 60/216,880           | 07/07/00             |
| 09/764,885       | Non-Provisional of | 60/225,270           | 08/14/00             |
| 09/764,885       | Non-Provisional of | 60/251,869           | 12/08/00             |
| 09/764,885       | Non-Provisional of | 60/235,834           | 09/27/00             |
| 09/764,885       | Non-Provisional of | 60/234,274           | 09/21/00             |
| 09/764,885       | Non-Provisional of | 60/234,223           | 09/21/00             |
| 09/764,885       | Non-Provisional of | 60/228,924           | 08/30/00             |
| 09/764,885       | Non-Provisional of | 60/224,518           | 08/14/00             |
| 09/764,885       | Non-Provisional of | 60/236,369           | 09/29/00             |
| 09/764,885       | Non-Provisional of | 60/224,519           | 08/14/00             |
| 09/764,885       | Non-Provisional of | 60/220,964           | 07/26/00             |

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| 09/764,885 | Non-Provisional of | 60/241,809 | 10/20/00 |
| 09/764,885 | Non-Provisional of | 60/249,299 | 11/17/00 |
| 09/764,885 | Non-Provisional of | 60/236,327 | 09/29/00 |
| 09/764,885 | Non-Provisional of | 60/241,785 | 10/20/00 |
| 09/764,885 | Non-Provisional of | 60/244,617 | 11/01/00 |
| 09/764,885 | Non-Provisional of | 60/225,268 | 08/14/00 |
| 09/764,885 | Non-Provisional of | 60/236,368 | 09/29/00 |
| 09/764,885 | Non-Provisional of | 60/251,856 | 12/08/00 |
| 09/764,885 | Non-Provisional of | 60/251,868 | 12/08/00 |
| 09/764,885 | Non-Provisional of | 60/229,344 | 09/01/00 |
| 09/764,885 | Non-Provisional of | 60/234,997 | 09/25/00 |
| 09/764,885 | Non-Provisional of | 60/229,343 | 09/01/00 |
| 09/764,885 | Non-Provisional of | 60/229,345 | 09/01/00 |
| 09/764,885 | Non-Provisional of | 60/229,287 | 09/01/00 |
| 09/764,885 | Non-Provisional of | 60/229,513 | 09/05/00 |
| 09/764,885 | Non-Provisional of | 60/231,413 | 09/08/00 |
| 09/764,885 | Non-Provisional of | 60/229,509 | 09/05/00 |
| 09/764,885 | Non-Provisional of | 60/236,367 | 09/29/00 |
| 09/764,885 | Non-Provisional of | 60/237,039 | 10/02/00 |
| 09/764,885 | Non-Provisional of | 60/237,038 | 10/02/00 |
| 09/764,885 | Non-Provisional of | 60/236,370 | 09/29/00 |
| 09/764,885 | Non-Provisional of | 60/236,802 | 10/02/00 |
| 09/764,885 | Non-Provisional of | 60/237,037 | 10/02/00 |
| 09/764,885 | Non-Provisional of | 60/237,040 | 10/02/00 |
| 09/764,885 | Non-Provisional of | 60/240,960 | 10/20/00 |
| 09/764,885 | Non-Provisional of | 60/239,935 | 10/13/00 |
| 09/764,885 | Non-Provisional of | 60/239,937 | 10/13/00 |
| 09/764,885 | Non-Provisional of | 60/241,787 | 10/20/00 |
| 09/764,885 | Non-Provisional of | 60/246,474 | 11/08/00 |
| 09/764,885 | Non-Provisional of | 60/246,532 | 11/08/00 |
| 09/764,885 | Non-Provisional of | 60/249,216 | 11/17/00 |

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| 09/764,885 | Non-Provisional of | 60/249,210 | 11/17/00 |
| 09/764,885 | Non-Provisional of | 60/226,681 | 08/22/00 |
| 09/764,885 | Non-Provisional of | 60/225,759 | 08/14/00 |
| 09/764,885 | Non-Provisional of | 60/225,213 | 08/14/00 |
| 09/764,885 | Non-Provisional of | 60/227,182 | 08/22/00 |
| 09/764,885 | Non-Provisional of | 60/225,214 | 08/14/00 |
| 09/764,885 | Non-Provisional of | 60/235,836 | 09/27/00 |
| 09/764,885 | Non-Provisional of | 60/230,438 | 09/06/00 |
| 09/764,885 | Non-Provisional of | 60/215,135 | 06/30/00 |
| 09/764,885 | Non-Provisional of | 60/225,266 | 08/14/00 |
| 09/764,885 | Non-Provisional of | 60/249,218 | 11/17/00 |
| 09/764,885 | Non-Provisional of | 60/249,208 | 11/17/00 |
| 09/764,885 | Non-Provisional of | 60/249,213 | 11/17/00 |
| 09/764,885 | Non-Provisional of | 60/249,212 | 11/17/00 |
| 09/764,885 | Non-Provisional of | 60/249,207 | 11/17/00 |
| 09/764,885 | Non-Provisional of | 60/249,245 | 11/17/00 |
| 09/764,885 | Non-Provisional of | 60/249,244 | 11/17/00 |
| 09/764,885 | Non-Provisional of | 60/249,217 | 11/17/00 |
| 09/764,885 | Non-Provisional of | 60/249,211 | 11/17/00 |
| 09/764,885 | Non-Provisional of | 60/249,215 | 11/17/00 |
| 09/764,885 | Non-Provisional of | 60/249,264 | 11/17/00 |
| 09/764,885 | Non-Provisional of | 60/249,214 | 11/17/00 |
| 09/764,885 | Non-Provisional of | 60/249,297 | 11/17/00 |
| 09/764,885 | Non-Provisional of | 60/232,400 | 09/14/00 |
| 09/764,885 | Non-Provisional of | 60/231,242 | 09/08/00 |
| 09/764,885 | Non-Provisional of | 60/232,081 | 09/08/00 |
| 09/764,885 | Non-Provisional of | 60/232,080 | 09/08/00 |
| 09/764,885 | Non-Provisional of | 60/231,414 | 09/08/00 |
| 09/764,885 | Non-Provisional of | 60/231,244 | 09/08/00 |
| 09/764,885 | Non-Provisional of | 60/233,064 | 09/14/00 |
| 09/764,885 | Non-Provisional of | 60/233,063 | 09/14/00 |

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| 09/764,885 | Non-Provisional of | 60/232,397 | 09/14/00 |
| 09/764,885 | Non-Provisional of | 60/232,399 | 09/14/00 |
| 09/764,885 | Non-Provisional of | 60/232,401 | 09/14/00 |
| 09/764,885 | Non-Provisional of | 60/241,808 | 10/20/00 |
| 09/764,885 | Non-Provisional of | 60/241,826 | 10/20/00 |
| 09/764,885 | Non-Provisional of | 60/241,786 | 10/20/00 |
| 09/764,885 | Non-Provisional of | 60/241,221 | 10/20/00 |
| 09/764,885 | Non-Provisional of | 60/246,475 | 11/08/00 |
| 09/764,885 | Non-Provisional of | 60/231,243 | 09/08/00 |
| 09/764,885 | Non-Provisional of | 60/233,065 | 09/14/00 |
| 09/764,885 | Non-Provisional of | 60/232,398 | 09/14/00 |
| 09/764,885 | Non-Provisional of | 60/234,998 | 09/25/00 |
| 09/764,885 | Non-Provisional of | 60/246,477 | 11/08/00 |
| 09/764,885 | Non-Provisional of | 60/246,528 | 11/08/00 |
| 09/764,885 | Non-Provisional of | 60/246,525 | 11/08/00 |
| 09/764,885 | Non-Provisional of | 60/246,476 | 11/08/00 |
| 09/764,885 | Non-Provisional of | 60/246,526 | 11/08/00 |
| 09/764,885 | Non-Provisional of | 60/249,209 | 11/17/00 |
| 09/764,885 | Non-Provisional of | 60/246,527 | 11/08/00 |
| 09/764,885 | Non-Provisional of | 60/246,523 | 11/08/00 |
| 09/764,885 | Non-Provisional of | 60/246,524 | 11/08/00 |
| 09/764,885 | Non-Provisional of | 60/246,478 | 11/08/00 |
| 09/764,885 | Non-Provisional of | 60/246,609 | 11/08/00 |
| 09/764,885 | Non-Provisional of | 60/246,613 | 11/08/00 |
| 09/764,885 | Non-Provisional of | 60/249,300 | 11/17/00 |
| 09/764,885 | Non-Provisional of | 60/249,265 | 11/17/00 |
| 09/764,885 | Non-Provisional of | 60/246,610 | 11/08/00 |
| 09/764,885 | Non-Provisional of | 60/246,611 | 11/08/00 |
| 09/764,885 | Non-Provisional of | 60/230,437 | 09/06/00 |
| 09/764,885 | Non-Provisional of | 60/251,990 | 12/08/00 |
| 09/764,885 | Non-Provisional of | 60/251,988 | 12/05/00 |

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| 09/764,885 | Non-Provisional of | 60/251,030 | 12/05/00 |
| 09/764,885 | Non-Provisional of | 60/251,479 | 12/06/00 |
| 09/764,885 | Non-Provisional of | 60/256,719 | 12/05/00 |
| 09/764,885 | Non-Provisional of | 60/250,160 | 12/01/00 |
| 09/764,885 | Non-Provisional of | 60/251,989 | 12/08/00 |
| 09/764,885 | Non-Provisional of | 60/250,391 | 12/01/00 |
| 09/764,885 | Non-Provisional of | 60/254,097 | 12/11/00 |
| 09/764,885 | Non-Provisional of | 60/231,968 | 09/12/00 |
| 09/764,885 | Non-Provisional of | 60/226,279 | 08/18/00 |
| 09/764,885 | Non-Provisional of | 60/186,350 | 03/02/00 |
| 09/764,885 | Non-Provisional of | 60/184,664 | 02/24/00 |
| 09/764,885 | Non-Provisional of | 60/189,874 | 03/16/00 |
| 09/764,885 | Non-Provisional of | 60/198,123 | 04/18/00 |
| 09/764,885 | Non-Provisional of | 60/227,009 | 08/23/00 |
| 09/764,885 | Non-Provisional of | 60/235,484 | 09/26/00 |
| 09/764,885 | Non-Provisional of | 60/190,076 | 03/17/00 |
| 09/764,885 | Non-Provisional of | 60/209,467 | 06/07/00 |
| 09/764,885 | Non-Provisional of | 60/205,515 | 05/19/00 |
| 09/764,885 | Non-Provisional of | 60/259,678 | 01/05/01 |

### Assignee Information

Assignee name:: Human Genome Sciences, Inc.  
 Street of mailing address:: 9410 Key West Avenue  
 City of mailing address:: Rockville  
 State or Province of mailing address:: MD  
 Postal or Zip Code of mailing address:: 20850